



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/809,043	03/25/2004	Jarmo Saaski	187-74	5787
23869	7590	12/13/2005	EXAMINER	
HOFFMANN & BARON, LLP			PHAN, THANH S	
6900 JERICHO TURNPIKE				
SYOSSET, NY 11791			ART UNIT	PAPER NUMBER
			2841	

DATE MAILED: 12/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

EJ

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/809,043	SAASKI ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Thanh S. Phan	2841	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_ is/are allowed.
- 6) Claim(s) 1-9 is/are rejected.
- 7) Claim(s) \_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | Paper No(s)/Mail Date. ____ .   |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>05/09/05</u> . | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
|   | 6) <input type="checkbox"/> Other: ____ .                                   |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-9 rejected under 35 U.S.C. 102(b) as being anticipated by Changnoux [US 6,176,612].

Regarding claim 1, Changnoux discloses a portable, wrist-worn, personal electronic device [a watch] comprising:  
a case [not explicitly numbered] including a component space [space in middle part 2 for holding watch internal components], the case comprising a front side and, on the opposite side of the case, a reverse side [the sides are not explicitly numbered], a wristband structure [wristlet 1] for wrist attachment of the case, there being two attachment points between the case and the wristband structure on different edges of the case [figures 4-6], the wristband structure comprising a front side and, on the opposite side of the wristband structure, a reverse side [the sides are not explicitly numbered], an attachment arrangement at both attachment points for attaching the case and the wristband structure to one another, each attachment arrangement comprising a positioning structure [4a and 4d] for mutual positioning of the case and the wristband structure and a locking arrangement [see figures 4-6] for interlocking the case and the wristband structure, wherein for enabling attachment of the wristband to the case from

the front side of the case with the reverse side of the wristband structure ahead, each attachment arrangement has a positioning structure that comprises positioning means [2b and 2c] locating in the case wall and extending in the direction between the front side and the reverse side of the case, and as counterparts of the positioning means belonging to the case the positioning structure comprises positioning counterparts [4b and 4c] on the reverse side of the wristband structure, the direction of which positioning counterparts corresponds to that of the positioning means belonging to the case structure, and that in each attachment arrangement the locking structure comprises, on the reverse side of the wristband, a locking projection structure [4a and 4d] that is an integral pad of the wristband, and as a counterpart of said locking projection structure the case comprises a locking counterpart [2a and 2d] to prevent the wristband from becoming apart from the case.

Regarding claim 2, Changnoux discloses wherein the locking projection structure [4a and 4d] on the reverse side of the wristband structure extends in the same direction as the positioning counterparts [4b and 4c] on the reverse side of the wristband.

Regarding claim 3, Changnoux discloses wherein the locking counterpart comprised by the case and serving as a counterpart of the locking projection structure comprised by the wristband comprises a locking projection space [grooves in 2a and 2d as best illustrated in figures 1 and 3] delimited by the case wall material, to which space the locking projection structure extends.

Regarding claim 4, Changnoux discloses wherein the locking counterpart [2a and 2d] comprised by the case comprises a locking means [2e] that is transverse to the

locking projection space [grooves in 2a and 2d] for locking in place the locking projection structure [4a and 4d] fitted into the locking projection space [grooves in 2a and 2d] by means of the locking means comprised by the locking projection structure.

Regarding claim 5, Changnoux discloses wherein the locking projection structure [4a and 4d] comprised by the wristband is a strainable stem structure, which, when strained, can be fitted into the locking projection space of the locking counterpart comprised by the case [figure 6].

Regarding claim 6, Changnoux discloses wherein the locking projection space, delimited by the case wall and comprised by the locking counterpart of the case, for the locking projection structure of the wristband extends in the same direction as the positioning means of the case [best illustrated in figures 1, 2 and 6].

Regarding claim 7, Changnoux discloses wherein the positioning means [2b and 2c] belonging to the case structure and extending in the direction between the front and the reverse of the case are recess-like spaces delimited by the case wall [figures 1 and 2].

Regarding claim 8, Changnoux discloses wherein the positioning counterparts [4b and 4c] comprised by the wristband structure are stud-like pads.

Regarding claim 9, Changnoux discloses wherein there are at least two pairs of positioning means comprised by the case and positioning counterparts of the wristband at each mutual attachment point of the wristband structure and the case, and that these pairs of positioning means/positioning counterparts are on different sides of the

longitudinal median line of the device [figure 1; in the figure only one wristband is shown instead of two].

***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Gwinner et al. [US 3,165,884] ; Shriqui [US 5,914,913] ; Boucheron [US 5,146,437] ; Tesch [US 4,722,179].

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh S. Phan whose telephone number is 571-272-2109. The examiner can normally be reached on M-F 9:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kamand Cuneo can be reached on 571-272-1957. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

tsp



KAMAND CUNEO  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2300